

CURRENT POSITIONS

University of California, San Diego

Assistant Professor of Orthopaedic Surgery

July 2002-present

Veterans Administration Health Care System, San Diego

Chief of Spine Service, Orthopaedic Surgery

July 2002-present

EDUCATION

Mayo Clinic

Fellowship in Spine Surgery

July 2001-June 2002

University of California, San Diego

Resident in Orthopaedic Surgery

July 2001

Harvard Medical School

M.D., *cum laude*

June 1996

University of California, Los Angeles

Ph.D. in Molecular Biology

August 1992

University of California, San Diego

B.A./M.S. in Biology, Combined 5-year program

June 1987

CERTIFICATIONS/LICENSES

American Board of Orthopaedic Surgeons – Board Eligible

July 2001

California State Medical License -----

November 1993

ADMINISTRATIVE/ACADEMIC ACTIVITIES

Faculty-Resident Liason, Western Orthopaedic Association	February 2003 - present
Member, North American Spine Society	November 2001-present
Member, American Academy of Orthopaedic Surgeons	January 1998-present
Faculty, Stein Institute for Research in Aging	August 2002-present
Veterans Medical Research Foundation	July 2002- present
Orthopaedic Research Advisory Committee	January 2003 - present
Graduate Medical Education Committee UCSD Medical Center	July 1999-July 2000
House Staff Representative UCSD Medical Center Operating Room Standing Committee	July 1997-July 1998
Visiting Scholar UCSD Department of Bioengineering	May 1996-July 1996
Research Associate Department of Neonatology, Children's Hospital, Boston, MA	September 1992-June 1994

AWARDS AND HONORS

UCSD Academic Senate Grant	April 2003
Academic Geriatric Resource Center Award	February 2003
Orthopaedic Education and Research Foundation Zimmer Award	January 2003
California Orthopaedic Association Lloyd W. Taylor Award	Feb 2000
James Esch Award for Best Clinical Research	Jun 1999
Honors in Special Field, <i>cum laude</i> – Harvard Medical School	June 1996
Selected Speaker, Harvard Medical School Research Assembly	June 1994
Harvard Medical School Student Research Fellowship	Terms 1993 and 1994
Mandel Scholarship – UCLA	Term 1991
United States Public Health Service National Research Awards	Terms 1988, 1989, 1990
UCLA Graduate Division Scholarship	Term 1987

ACADEMIC INTERESTS

Minimally Invasive Spine Surgery
Osteoporotic vertebral compression fractures
Degenerative spinal disease
Adult spinal deformity
Bone and disk regeneration
Biologic scaffolds for tissue engineering
Epidural Fibrosis

PERSONAL

CONTACT INFORMATION

Address -----

Phone numbers -----

Email -----
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PUBLICATIONS

1. Kim CW, Lee A, Hoyt D, Kennedy F, Newton PO, Smith J, and Meyer RS (2003). Personal Watercraft Injuries in San Diego County. **Journal of Orthopaedic Trauma** 17: 571-573.
2. Kim CW, Jamali A, Brage M, Convery FR, and Bugbee W (2002). Treatment of Post-traumatic Ankle Arthritis using Bipolar Tibiotalar Osteochondral Allografts. **Foot and Ankle International** 23: 1091-1102.
3. Currier BL, Kim CW, Heller JG, Eismont FJ (2003). "Cervical Spinal Infections" in the Cervical Spine. Eds. Clark CR, Ducker TB, Dvorak J, Garfin SR, Herkowitz HN, Levine AM, Pizzutillo PD, Ullrich CG, Zeidman SM. Lippincott-Raven. Philadelphia.
4. Kim CW, Klein, J, Garfin SR (2003) "Chapter 24: Joints systems-Cervical Spine" in **Disability Evaluation**. Eds. Demter SL, Andersson G, Smith GM. Mosby. St Louis. American Medical Association (in press).
5. Kim CW and Pedowitz R (2003). "Principles of Surgery: Graft Choices and the Biology of Graft Healing" in **Knee Ligaments: Structure, Function, Injury, and Repair**. Akeson, O'Connor, Pedowitz, Eds. Lippincott Williams & Wilkins, Philadelphia. Pages 435-55.
6. Gerling M, Pfirrmann C, Farooki S, Kim CW, Boyd GJ, Aronoff MD, Feng S, Jacobson JA, Resnick D, Brage ME (2003). Posterior Tibialis Tendon Tears: Comparison of the Diagnostic Efficacy of MR Imaging and Ultrasonography for the Detection of Surgically-Created Longitudinal Tears. A Prospective Blinded Study of 64 Lesions in Cadavers. **Investigative Radiol** 38: 51-6.
7. Cohen-Gadol AA, Dekutoski MB, Kim CW, Quast LM, Krauss WE (2003). Safety of Supplemental Endplate Screw placement in Thoracic Pedicle Hook Fixation. **J Neurosurgery** 98: 31-5.
8. Currier BL, Kim CW (2003). "Anterior Cervical Decompression" in **Atlas of Cervical Spine Surgery**. Cervical Spine Research Society. H Herkowitz, eds. Lippincott Williams. (in press).
9. Talac R, Yaszemski MJ, Currier BL, Fuchs B, Kim CW, Sim FH (2002). Primary Sarcomas of the Mobile Spine. **Clin Orthop Rel Res** 397: 127-32.
10. Todd L, Yaszemski MJ, Currier BL, Fuchs B, Kim CW, Sim FH (2002). Bowel and Bladder Function after Major Sacral Resection. **Clin Orthop Rel Res** 397: 36-9.
11. Jacofsky DJ, Kim CW, Currier BL, Yaszemski MJ (2002). "Complications in the Treatment of Spinal Trauma" in **Skeletal Trauma** 3rd edition. Eds. Browner, Jupiter, Levine, Trafton. Saunders pubs. Pages 1012-1028.
12. Kim CW, Lee G, Abrams R, Hoyt D, and Garfin SR (2001). Use of Vascularized Fibular Grafts for the Treatment of Failed Spinal Fusions. **Spine** 26: 2171-75.
13. Fricka KB, Kim CW, Newton PO (2001) Spinal Lordosis With Marked Opisthotonus Secondary to Dystonia Musculorum Deformans. **Spine** 26: 2283-2288
14. Kim CW, Tontz W, Pedowitz RA (2000). Meniscal Cysts. **Op Techniques in Orthop** 10: 227-233.

15. Kim CW, Haghighi P, Botte MJ, Meyer RS (1999). Large medial knee mass in a 61 year-old man. **Clin Orthop Rel Res** 362: 251-263.
16. Kim CW, Shea K, and Chambers HG (1999). Heel Pain in Children: Diagnosis and Treatment. **J Am Pod Assoc** 89: 67-74.
17. Kim CW, Jaramillo D, and Hresko MT (1997). MRI demonstration of occult purely chondral fractures of the tibia: A potential mimic of meniscal tears. **Pediatr Radiol** 27: 765-766.
18. Gallo RL, Kim CW, Adzick NS, Bernfield M (1996). Syndecans-1 and -4 are induced during wound repair of neonatal but not fetal skin. **J Invest Dermatol** 107: 676-683.
19. Kim CW, Goldberger O, Gallo RL, Bernfield M (1994). Members of the syndecan family of heparan sulfate proteoglycans are expressed in distinct cell-, tissue-, and development-specific patterns. **Mol Biol Cell** 5: 797-805.
20. Kim CW, Markiewicz P, Lee JJ, Schierle CF, Miller JH (1993). Studies of the hyperthermophile *Thermatoga maritima* by random sequencing of cDNA and genomic libraries: Cloning and sequencing of the *trpE* and *trpG(D)* genes. **J Mol Biol** 231: 960-981.
21. Kim CW, Michaels ML, Miller JH (1992). Amino acid substitution analysis of thymidylate synthase: The study of a highly conserved region at the N-terminus. **Proteins** 13: 352-363.
22. Michaels ML, Kim CW, Matthews DA, and Miller JH (1990). *E. coli* thymidylate synthase: Amino acid substitutions by suppression of amber nonsense mutations. **Proc Natl Acad Sci USA** 87: 3957-3961.

ABSTRACTS

1. Gallo RL, Siebert I, Kim CW, Bernfield M (1994) The syndecans, co-receptors for matrix and growth factors are selectively expressed in a developmental and tissue-specific pattern. **J Invest Dermatol** 102(4): 622.
2. Kim CW, Goldberger O, Gallo RL, Bernfield M (1993). Members of the syndecan family of heparan sulfate proteoglycans show cell- and tissue-specific expression. **Mol Biol Cell** 4: 421a. Poster presentation at the American Society of Cell Biology, New Orleans, LA.
3. Gallo RL, Kim, CW, Ono M, Klagsburn M, Page C, Eriksson E, Bernfield M (1993). Regulation of the syndecan family of matrix and growth factor co-receptors: Detection of an inductive activity released during wound repair. **J Invest Dermatol** 101(3): 412.
4. Gallo RL, Povsic T, Kim CW, Page C, Erikson E, Bernfield, M (1993). The syndecans, co-receptors for matrix and growth factors, are induced selectively by an activity in wound fluid. **J Invest Dermatol** 100(4): 506.
5. Kim CW, Michaels ML, Markiewicz PG, Miller JH (1989). The use of *E. coli* nonsense suppressors to rapidly introduce amino acid substitutions in thymidylate synthase. **J Cell Biochem** 17A: 72.

PRESENTATIONS

1. Kim CW (2003). Local Treatment of Osteoporosis. Presentation to the Osteoporosis Support Group. San Diego CA. Oct 2003.
2. Kim CW (2003). Minimally Invasive Spinal Decompression. Presentation at the Spine Evolution Nucleus. San Diego, CA. Sept 2003.
3. Km CW (2003). Biology of Disk Disease. Presentation at the 3rd Annual emerging Technologies in Spine. San Diego, CA. Aug 2003.
4. Kim CW and Garfin SR (2002). Commentary and Perspective on "A comprehensive study of patients with surgically treated lumbar spinal stenosis with neurogenic claudication". JBJS Web Commentary.
5. Kim CW (2002). The Curse of Low Back Pain. Oral presentation at the SDSU Extended Studies Conference on Pain management and End of Life Issues. San Diego, CA.
6. Kim CW (2202). Evaluation and Treatment of Osteoporosis Vertebral Compression Fractures. Oral presentation at the SICOT Annual Meeting. San Diego, CA.
7. Kim CW (2002). Lumbar Stenosis. Oral presentation at the SICOT Annual Meeting. San Diego, CA.
8. Kim CW (2002). Strategies for the Local Treatment of Osteoporosis using Bioabsorbable, Bioactive Bone Cements. Oral presentation at the Department of Bioengineering and the Whitaker Institute of Biomedical Engineering research conference. San Diego, CA.
9. Kim CW (2002). PLIF Technique utilizing Interbody Allograft Device and Instrumentation. Instructional lecture and anatomy instruction. Nuvasive Labs. San Diego, CA.
10. Massie JB, Huang B, Giurea A, Kim CW, Sah R, Garfin SR, Akeson WH (2002). Prevention of epidural fibrosis post-laminectomy: 3 weeks and 8 weeks study using a barrier sheet and hyaluronan gel. Poster presentation at the 17th Annual Meeting of the North American Spine Society. Montreal, Canada.
11. Massie JB, Huang B, Kim CW, Sah R, Garfin SR, Akeson WH (2002). A post-laminectomy rat model mimics the Chung tactile allodynia model. Poster presentation at the Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA.
12. Yaszemski MJ, Kim CW, Talac R, Currier BL (2002). Metastatic Disease of the Spine: Evaluation and Treatment. Instructional Course Lecture #270. Annual Meeting of the AAOS, Dallas, Texas, 2002.
13. Aslam MA, Kim CW, Murikipudi S, Chu PW, Currier BL, Lu L, Yaszemski MJ (2001). Fabrication and characterization of porous, injectable poly(propylene fumarate)-based scaffolds via a foaming method. Abstract submitted for 28th Annual meeting of the Society for Biomaterials (Tampa, FL)

14. Yaszemski MJ, Kim CW, Talac R, Currier BL (2001). Flatback Syndrome: Evaluation, Indications, Techniques, and Complications. AAOS Advanced Spine Course. Chicago, Ill.
15. Kim CW, Lee G, Abrams R, Hoyt D, and Garfin SR (1999). Use of Vascularized Fibular Grafts for the Treatment of Failed Spinal Fusions. Presented at the VII Congress of the Brazilian Spine Society, September 22-25, 1999. Bahia, Brazil.
16. Kim CW, Lee A, Hoyt D, Kennedy F, Smith J, and Meyer RS (1999). Personal Watercraft Injuries in San Diego County. Poster presentation at the 15th Annual Meeting of the Orthopaedic Trauma Association, October 22-24, 1999. Charlotte, NC.
17. Kim CW, Jamali A, Convery FR, and Bugbee W (1999). Treatment of Post-traumatic Ankle Arthritis using Bipolar Tibiotalar Osteochondral Allografts. Oral presentation at the AAOS Annual Meeting, Anaheim, CA, 1999.

WORK IN PROGRESS

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